SUBMISSION ID: 706806

FACILITY: Dovetail Energy LLC - Anaerobic

Digestion Facility
LOCATION: Digestion Facility
1146 Herr Rd

Fairborn, OH 45324

COUNTY: Greene
DISTRICT: SWDO

STATUS: Original

PERMIT NUMBER: 1IN00305*AD

STATION CODE: 581

MONITORING PERIOD:

REPORTING LAB: 2017-09-01 To: 2017-09-30 MASI Environmental Science

ANALYST: N/A

NO DISCHARGE INDICATOR:

PARAMETER	Biochemical Oxygen Demand, 5 Day	рН	Oil and Grease, Hexane Extr Method	Ammonia (NH3) In Sludge	Nitrogen Kjeldahl, Total In Sludge	Phosphorus, Total In Sludg	
PARAMETER CODE	00310	00400	00552	00611	00627	00668	00938
UNITS	mg/l	S.U.	mg/l	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING							
TYPE	Composite	Composite	Composite	Composite	Composite	Composite	Composite
2017-09-01		***************************************	1				
2017-09-02							
2017-09-03							
2017-09-04		***************************************				İ	
2017-09-05			55000000				
2017-09-06							
2017-09-07							
2017-09-08							
2017-09-09			05000000				
2017-09-10							
2017-09-11							
2017-09-12							
2017-09-13		***************************************	300				
2017-09-14		***************************************					
2017-09-15							
2017-09-16							
2017-09-17							
2017-09-18							
2017-09-19			<u> </u>				
2017-09-20		***************************************					
2017-09-21		***************************************	<u> </u>				
2017-09-22							
2017-09-23 2017-09-24							
2017-09-24		***************************************	_				
2017-09-25			98				
2017-09-27		***************************************		<u> </u>			
2017-09-28	35000	7.71	12200	67400	105000	34000	12500
2017-09-29	33000	7.71	12200	07400	103000	34000	12300
2017-09-30							
Minimum	35000.0	7.71	12200.0	67400.0	105000.0	34000.0	12500.0
Maximum	35000.0	7.71	12200.0	67400.0	105000.0	34000.0	12500.0
	35000.0	/ . / L	12200.0	67400.0	105000.0	34000.0	12500
Average	000000000000000000000000000000000000000	30000000000000000000000000000000000000		•	800000000000000000000000000000000000000		000000000000000000000000000000000000000
Count	1	1	1	1	1	1	1
Name of Resp			nalty of law that		f Responsible		Submission Date/Time
Official or Aut Representa	a tive familia: submit	ersonally exam r with the infor ted herein and	rmation based on my	Authori	zed Represent	ative	Date/Time
Taylo	immed the info submit	ormation, I beli ted information	ble for obtaining ieve the 1 is true, accurat				Certification Version Date
Faech	er and cor are sign false in			g			2017-10- 20 10:10

SUBMISSION ID: 706806

COUNTY:

DISTRICT:

Dovetail Energy LLC - Anaerobic

FACILITY: Digestion Facility
LOCATION: 1146 Herr Rd

Fairborn, OH 45324

Greene

SWDO

STATUS:

Original

PERMIT NUMBER: 1IN00305*AD

STATION CODE: MONITORING PERIOD :

2017-09-01 To: 2017-09-30

REPORTING LAB: MASI Environmental Science

ANALYST: N/.

NO DISCHARGE INDICATOR:

PARAMETER	Arsenic, Total In Sludge	Cadmium, Total In Sludge	Copper, Total In Sludge	Lead, Total In Sludge	Nickel, Total In Sludge	Zinc, Total I Sludge	n Selenium, Tota In Sludge
PARAMETER CODE	01003	01028	01043	01052	01068	01093	01148
UNITS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING							
TYPE	Composite	Composite	Composite	Composite	Composite	Composite	Composite
2017-09-01							
2017-09-02							
2017-09-03							
2017-09-04							
2017-09-05							
2017-09-06							
2017-09-07							
2017-09-08				***************************************			
2017-09-09	***************************************	************************************		***************************************			
2017-09-10							
2017-09-11							
2017-09-12							
2017-09-13							
2017-09-14 2017-09-15	***************************************					***************************************	
2017-09-15							
2017-09-10	***************************************	***************************************		***************************************			
2017-09-17							
2017-09-10		***************************************					
2017-09-20							
2017-09-21							
2017-09-22							
2017-09-23							
2017-09-24		***************************************		***************************************			
2017-09-25							
2017-09-26						***************************************	
2017-09-27							
2017-09-28	12 1		237	5	14	431	3
2017-09-29							
2017-09-30							
Minimum	12.0	1.0	237.0	5.0	14.0	431.0	3.0
Maximum	12.0	1.0	237.0	5.0	14.0	431.0	3.0
Average	12	1	237	5	14	431	3
Count	1	1	1	1	1	1	1
Name of Resp Official or Aut Representa	horized _{have} p ative familia	y under the per ersonally exami ir with the infor ted herein and	mation		f Responsible (ized Represent		Submission Date/Time
Taylo Faech	inquiry immed the inf submit and co are sig false in	y of those indivi liately responsil ormation, I beli- ted information mplete. I am aw nificant penalti- nformation, incl	duals ple for obtaining eve the is true, accurat vare that there es for submitting uding the	e			Certification Version Date 2017-10- 20 10:10
***************************************	possib	ility of fine and	umprisonment.				000000000000000000000000000000000000000

SUBMISSION ID: 706806

Dovetail Energy LLC - Anaerobic

FACILITY: Digestion Facility
LOCATION: 1146 Herr Rd

Fairborn, OH 45324

COUNTY: Greene
DISTRICT: SWDO

STATUS: Original

PERMIT NUMBER: 1IN00305*AD

STATION CODE: 583
MONITORING PERIOD:

REPORTING LAB: 2017-09-01 To: 2017-09-30 MASI Environmental Science

ANALYST: N/A

NO DISCHARGE INDICATOR:

PARAMETER CODE UNITS MPN/G FREQUENCY 1/Month SAMPLING TYPE 2017-09-01 2017-09-02 2017-09-03 2017-09-04 2017-09-05 2017-09-06 2017-09-07 2017-09-08 2017-09-09 2017-09-10 2017-09-10	51129 dry tons 1/Month Total	70316 Dry Tons 1/Month Total	70318 % 1/Month Composite	71921 mg/kg 1/Month Composite	78465 mg/kg 1/Month Composite	
FREQUENCY 1/Month SAMPLING TYPE 2017-09-01 2017-09-02 2017-09-03 2017-09-04 2017-09-05 2017-09-06 2017-09-07 2017-09-08 2017-09-09 2017-09-10	1/Month	1/Month	1/Month	1/Month	1/Month	
FREQUENCY 1/Month SAMPLING TYPE Composite 2017-09-01 2017-09-02 2017-09-03 2017-09-04 2017-09-05 2017-09-06 2017-09-07 2017-09-08 2017-09-09 2017-09-10	1/Month	1/Month		1/Month	1/Month	
SAMPLING TYPE 2017-09-01 2017-09-02 2017-09-03 2017-09-04 2017-09-05 2017-09-06 2017-09-07 2017-09-08 2017-09-09 2017-09-10						
TYPE Composite 2017-09-01 2017-09-02 2017-09-03 2017-09-04 2017-09-05 2017-09-06 2017-09-07 2017-09-08 2017-09-09 2017-09-10	Total	Total	Composite	Composite	Composite	
2017-09-02 2017-09-03 2017-09-04 2017-09-05 2017-09-06 2017-09-07 2017-09-08 2017-09-09 2017-09-10						***************************************
2017-09-03 2017-09-04 2017-09-05 2017-09-06 2017-09-07 2017-09-08 2017-09-09 2017-09-10						
2017-09-04 2017-09-05 2017-09-06 2017-09-07 2017-09-08 2017-09-09 2017-09-10				<u> </u>		
2017-09-05 2017-09-06 2017-09-07 2017-09-08 2017-09-09 2017-09-10						
2017-09-06 2017-09-07 2017-09-08 2017-09-09 2017-09-10			X			
2017-09-07 2017-09-08 2017-09-09 2017-09-10						
2017-09-08 2017-09-09 2017-09-10		<u> </u>				
2017-09-09 2017-09-10		<u> </u>				
2017-09-10						
CONTRACTOR OF CO		_				
2017-09-11						
2017-09-12		1				
2017-09-13						
2017-09-14		-				
2017-09-15 2017-09-16		-				
2017-09-17		-			***************************************	
2017-09-17						
2017-09-19		-				
2017-09-20						
2017-09-21						
2017-09-22						
2017-09-23		1				
2017-09-24						
2017-09-25						
2017-09-26						
2017-09-27						
2017-09-28 1929	41	41	6.89	.12	.9	
2017-09-29						
2017-09-30						
Minimum 1929.0	41.0	41.0	6.89	0.12	0.9	
Maximum 1929.0	41.0	41.0	6.89	0.12	0.9	
Average 1929	41	41	6.89	0.12	0.9	
Count 1	1	1	1	1	1	
Name of Responsible I certify	under the pe	nalty of law that		f Responsible		Submission
Official or Authorized have per	rsonally exam	nined and am	Author	ized Represent	ative	Date/Time
	with the info					
		based on my				***************************************
	of those indiv					
		ble for obtaining	g			Certification
Taylor the infor	mation, I bel					Version Date
		n is true, accurat	te r			2017-10-
		vare that there				Z01/-10-
are sidin	ormation, inc	ies for submittin	y I			20 10:10
#0100 19th	ormation, IIIC	ւսսուց աԵ	ı			

SUBMISSION ID: 706806

Dovetail Energy LLC - Anaerobic

FACILITY: Digestion Facility LOCATION: 1146 Herr Rd

Fairborn, OH 45324

Greene

DISTRICT: **SWDO**

COUNTY:

STATUS: Original

PERMIT NUMBER: 1IN00305*AD

STATION CODE: 584

MONITORING PERIOD: 2017-09-01 To: 2017-09-30

REPORTING LAB:

ANALYST:

NO DISCHARGE INDICATOR: AL

PARAMETER	Biochemical Oxygen Demand, 5 Day	рН	Oil and Grease, Hexane Extr Method	Ammonia (NH3) In Sludge	Nitrogen Kjeldahl, Total In Sludge	Phosphorus Total in Sludg	
PARAMETER CODE	00310	00400	00552	00611	00627	00668	00938
UNITS	mg/l	S.U.	mg/l	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING TYPE	Composite	Composite	Composite	Composite	Composite	Composite	Composite
2017-09-01							
2017-09-02							
2017-09-03							
2017-09-04							
2017-09-05							
2017-09-06							
2017-09-07							
2017-09-08							
2017-09-09							
2017-09-10							
2017-09-11							
2017-09-12							
2017-09-13							
2017-09-14		***************************************					
2017-09-15							
2017-09-16							
2017-09-17							
2017-09-18		-			*************************************		
2017-09-19		**************************************					
2017-09-20							
2017-09-21		*************************************					
2017-09-22							
2017-09-23	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	***************************************					
2017-09-24							
2017-09-25							
2017-09-26							
2017-09-27							
2017-09-28	~~~~	***************************************			***************************************		
2017-09-29							
2017-09-30							
Minimum	000000000000000000000000000000000000000	000000000000000000000000000000000000000			000000000000000000000000000000000000000		100000000000000000000000000000000000000
Maximum							
Average							
Count							
Name of Resp Official or Auti Representa	horized _{have pe} tive _{familia}	y under the per ersonally exam r with the infor ted herein and	rmation		f Responsible ized Represent		Submission Date/Time
Taylo Faech	inquiry immed the info submit and cor are sign false in	of those indivitately responsible or mation, I belied information mplete. I am awnificant penaltiformation, incl	iduals ble for obtaining leve the a is true, accurat ware that there es for submittin	ce			Certification Version Date 2017-10- 20 10:10

SUBMISSION ID: 706806 STATUS:

FACILITY:
Dovetail Energy LLC - Anaerobic Digestion Facility

PERMIT NUMBER: 11N00305*AD

LOCATION: 1146 Herr Rd **STATION CODE:** 584

Fairborn, OH 45324 MONITORING PERIOD : 2017-09-01 To: 2017-09-30

Original

Greene REPORTING LAB:

COUNTY:

DISTRICT: SWDO ANALYST:

NO DISCHARGE INDICATOR: AL

			N	D DISCHARGE II	NDICATOR:	AL	
PARAMETER	Arsenic, Total In Sludge	Cadmium, Tota In Sludge	Copper, Total In Sludge	Lead, Total In Sludge	Nickel, Total In Sludge	Zinc, Total Sludge	In Selenium, Total In Sludge
PARAMETER CODE	01003	01028	01043	01052	01068	01093	01148
UNITS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	000000000000000000000000000000000000000
SAMPLING		1					
TYPE	Composite	Composite	Composite	Composite	Composite	Composit	e Composite
2017-09-01							
2017-09-02							
2017-09-03							
2017-09-04							
2017-09-05							
2017-09-06	***************************************			***************************************			
2017-09-07							
2017-09-08							
2017-09-09	***************************************			************************************			
2017-09-10							
2017-09-11							
2017-09-12							
2017-09-13							
2017-09-14	************************************			***************************************			
2017-09-15							
2017-09-16	***************************************			***************************************			
2017-09-17							
2017-09-18	***************************************			***************************************			
2017-09-19							
2017-09-20				***************************************			
2017-09-21							
2017-09-22							
2017-09-23				***************************************			
2017-09-24							
2017-09-25							
2017-09-26							
2017-09-27							
2017-09-28							
2017-09-29							
2017-09-30							
Minimum							
Maximum							
Average							
Count							
Name of Resp Official or Aut Representa	horized _{have j} itive _{famili}	nalty of law that ined and am rmation based on my		f Responsible (ized Represent		Submission Date/Time	
submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.				е			Certification Version Date 2017-10- 20 10:10

SUBMISSION ID: 706806 STATUS:

COUNTY:

FACILITY:
Dovetail Energy LLC - Anaerobic Digestion Facility

PERMIT NUMBER: 11N00305*AD

LOCATION: 1146 Herr Rd **STATION CODE:** 584

Fairborn, OH 45324 MONITORING PERIOD : 2017-09-01 To: 2017-09-30

Original

Greene REPORTING LAB:

DISTRICT: SWDO ANALYST:

NO DISCHARGE INDICATOR: AL

				D DISCHARGE II		AL	
PARAMETER	Fecal Coliform in Sludge	Sludge Fee Weight	Sludge Weight	Mercury, Total In Sludge	Molybdenum In Sludge		
PARAMETER CODE	31641	51129	70316	71921	78465		
UNITS	MPN/G	dry tons	Dry Tons	mg/kg	mg/kg		
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month		
SAMPLING							
TYPE	Multiple Grab	Total	Total	Composite	Composite		
2017-09-01							
2017-09-02							
2017-09-03							
2017-09-04							
2017-09-05							
2017-09-06							
2017-09-07							
2017-09-08 2017-09-09							
2017-09-09							
2017-09-10			†				
2017-09-11			 			 	
2017-09-13							
2017-09-14							
2017-09-15		***************************************					
2017-09-16			-				
2017-09-17		5000000000000000000000000000000000000		***************************************			
2017-09-18							
2017-09-19	***************************************	***************************************					
2017-09-20							
2017-09-21							
2017-09-22							
2017-09-23							
2017-09-24		***************************************		***************************************			
2017-09-25							
2017-09-26							
2017-09-27							
2017-09-28							
2017-09-29							
2017-09-30							
Minimum							
Maximum		200000000000000000000000000000000000000		***************************************		000000000000000000000000000000000000000	
Average		000000000000000000000000000000000000000					
Count							
Name of Resp Official or Aut Representa	horized _{have p} ative familia	y under the pe ersonally exan r with the info ted herein and	rmation		f Responsible ized Represent		Submission Date/Time
Taylo Faech	inquiry immed the info submit and cor are signals in false in		e			Certification Version Date 2017-10- 20 10:10	

FACILITY:Dovetail Energy LLC - Anaerobic Digestion Facility

LOCATION: 1146 Herr Rd

PERMIT NUMBER: MONITORING PERIOD : 1IN00305*AD

2017-09-01 To: 2017-09-30

Fairborn, OH 45324

PARAMETER COMMENTS:

Station Code	Parameter Name	Parameter Code	Date	Unit	Comment
-----------------	-------------------	-------------------	------	------	---------